

Docket No. 283256US3X PCT

IN RE APPLICATION OF: Toshifumi TAKEUCHI

SERIAL NO: 10/567,922

FILED: February 10, 2006

FOR: RADIAL VANE FOR TOOTH BRUSH, TOOTH BRUSH USING THE SAME, AND METHOD AND DEVICE  
FOR MANUFACTURING THE RADIAL VANE FOR THE TOOTH BRUSH



IFW

**MAIL STOP PCT**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Transmitted herewith is an amendment in the above-identified application.

- ☒ No additional fee is required
- ☐ Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.
- ☒ Additional documents filed herewith: Second Preliminary Amendment

The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS	RATE	CALCULATIONS
TOTAL	23	MINUS	23	0	x \$50 =	\$0.00
INDEPENDENT	5	MINUS	5	0	x \$200 =	\$0.00
		<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS			+ \$360 =	\$0.00
		TOTAL OF ABOVE CALCULATIONS				\$0.00
		<input type="checkbox"/> Reduction by 50% for filing by Small Entity				\$0.00
		TOTAL				\$0.00

- ☐ A check in the amount of \$0.00 is attached.
- ☐ Credit card payment form is attached to cover the fees in the amount of \$0.00
- ☒ Please charge any additional Fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.
- ☒ If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

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DOCKET NO. 2889256US3X PCT

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF :  
TOSHIFUMI TAKEUCHI, ET AL. : ATTN: APPLICATION DIVISION  
SERIAL NO: 10/567,922 :  
FILED: 10 FEBRUARY 2006 :  
FOR: RADIAL VANE FOR TOOTH :  
BRUSH, TOOTH BRUSH USING :  
THE SAME, AND METHOD AND :  
DEVICE FOR MANUFACTURING :  
THE RADIAL VANE FOR THE :  
TOOTH BRUSH :

SECOND PRELIMINARY AMENDMENT

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Prior to examination on the merits, please amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.